

Date Mailed: 19 May 2005

Sheet 1 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 10873.1604USWO	Application Number: 10/521,691
			Applicant: OKOCHI et al.	
			Filing Date: 18 January 2005	Group Art Unit: unknown

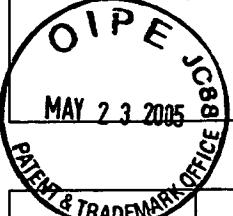
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PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		OKOCHI et al. "Biology of Alzheimer's disease and presenilin". <i>Bunshi Seishin Igaku</i> , Vol. 1, No. 3, pp. 232-241 (2001).				
		KAGEYAMA et al. "Notch pathway in neural development". <i>Tanpakushitsu Kakusan Koso</i> , Vol. 45, No. 3, pp. 221-226 (2000).				
		FELDMEN et al. "A carboxy-terminal deletion mutant of Notch1 accelerates lymphoid oncogenesis in E2A-PBX1 transgenic mice". <i>Blood</i> , Vol. 96, No. 5, pp. 1906-1913 (Sept. 2000).				
		SCHROETER et al. "Notch-1 signaling requires ligand-induced proteolytic release of intracellular domain". <i>Letters to Nature</i> , Vol. 393, pp. 382-386 (May 1998).				
		WILD-BODE et al. "Intracellular generation and accumulation of amyloid β -peptide terminating at amino acid 42". <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 26, pp. 16085-16088 (June 1997).				
		OKOCHI et al. "A loss of function mutant of the presenilin homologue SEL-12 undergoes aberrant endoproteolysis in <i>Caenorhabditis elegans</i> and increases $\text{A}\beta$ 42 generation in human cells". <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 52, pp. 40925-40932 (Dec. 2000).				
		KULIC et al. "Separation of presenilin function in amyloid β -peptide generation and endoproteolysis of notch". <i>Proc. National Academy Sciences, USA</i> , Vol. 97, No. 11, pp. 5913-5918 (May 2000).				
		WOLFE et al. "Two transmembrane aspartates in presenilin-1 required for presenilin endoproteolysis and γ -secretase activity". <i>Letters to Nature</i> , Vol. 398, pp. 513-517 (April 1999).				
		SASTRE et al. "Presenilin-dependent γ -secretase processing of β -amyloid precursor protein at a site corresponding to the S3 cleavage of notch". <i>EMBO Reports</i> , Vol. 2, No. 9, pp. 835-841 (2001).				
		OKOCHI et al. "Presenilins mediate a dual intramembranous γ -secretase cleavage of Notch-1". <i>The EMBO Journal</i> , Vol. 21, No. 20, pp. 5408-5416 (2002).				
		MERLOS-SUAREX et al. "Pro-tumor necrosis factor- α processing activity is tightly controlled by a component that does not affect notch processing". <i>The Journal of Biological Chemistry</i> , Vol. 273, No. 38, pp. 24955-24962 (Sept. 1998).				
		SCHLONDORFF et al. "Metalloprotease-disintegrins: modular proteins capable of promoting cell-cell interactions and triggering signals by protein-ectodomain shedding". <i>Journal of Cell Science</i> , Vol. 112, pp. 3603-3617 (1999).				

EXAMINER	DATE CONSIDERED
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 <p>CHAN et al. "Roles for proteolysis and trafficking in notch maturation and signal transduction". <i>Cell</i>, Vol. 94, pp. 423-426 (Aug. 1998).</p> <p>BROU et al. "A novel proteolytic cleavage involved in notch signaling: The role of the disintegrin-metalloprotease TACE". <i>Molecular Cell</i>, Vol. 5, pp. 206-217 (2000).</p>				



EXAMINER	/Bridget E. Bunner/	DATE CONSIDERED	06/09/2008
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